

Converting Colors

YUV(197.0490, -34.5342,
16.6200)

Have a look what the booklet for
YUV(197.0490, -34.5342, 16.6200)
contains.

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Color

**YUV(197.0490, -34.5342,
16.6200)**

Conversions

Conversions Part 1

Format	Color
Hex	D8C97F
RGB	216, 201, 127
RGB Percent	85%, 79%, 50%
CMY	0.1529, 0.2118, 0.5020
CMYK	0.00, 0.07, 0.41, 0.15
HSL	50°, 53%, 67%
HSV	50°, 41%, 85%
XYZ	53.0363, 57.9045, 28.4601
YIQ	197.0490, 32.6940, -19.8340

Conversions

Conversions Part 2

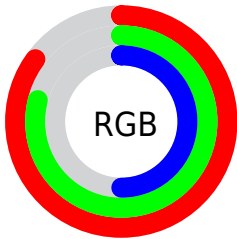
Format	Color
R_{YB}	145, 216, 127
Decimal	14207359
CIE _{Lab}	80.69, -5.11, 38.82
CIE _{LCh}	81, 39.159, 97.500
Yxy	57.9045, 0.3805, 0.4154
Android (android.graphics.Color)	4292397439 (0xFFD8C97F)
YUV	197.0490, -34.5342, 16.6200
Hunter-Lab	76.0950, -8.7563, 31.0917

Details

The YUV color $197.0490, -34.5342, 16.6200$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $145.9510, 34.5342, -16.6200$, and the grayscale version is $197.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.5640, -32.3231, 7.3984$, and $142.7930, -32.9289, 15.0905$ is the 20% darker color. If you saturate the color by 10%, you get $192.1930, -42.9861, 20.8787$, and if you desaturate by 10%, it is $201.9050, -26.0822, 12.3613$.

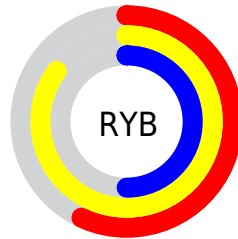
Distribution



Red (85%)

Green (79%)

Blue (50%)



Red (57%)

Yellow (85%)

Blue (50%)

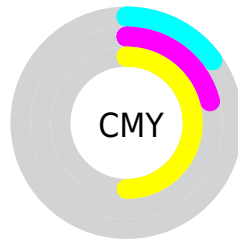


Cyan (0%)

Magenta (7%)

Yellow (41%)

Black (15%)



Cyan (15%)

Magenta (21%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 197.0490, -34.5342, 16.6200 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 197.0490, -34.5342, 16.6200 by changing the saturation by 10% instead.

■ 197.0490,
-34.5342, 16.6200

■ 197.0490,
-34.5342, 16.6200

255.0000, 0.0000,
0.0000

■ 169.8640,
-33.9500, 15.9053

■ 246.5640,
-32.3231, 7.3984

■ 142.7930,
-32.9289, 15.0905

■ 249.7560,
-20.0927, 4.5990

■ 117.0100,
-32.0499, 13.1462

■ 252.9480, -7.8624,
1.7996

■ 91.8250, -31.4657,
12.4315

■ 66.8850, -32.4813,
11.5019

■ 46.6810, -23.0137,
8.1728

■ 26.8790, -13.2513,

3.6141

■ 2.9350, -1.4470,
-2.5740

■ 0.0000, 0.0000,
0.0000

■ 197.0490,
-34.5342, 16.6200

■ 197.0490,
-34.5342, 16.6200

■ 192.1930,
-42.9861, 20.8787

■ 201.9050,
-26.0822, 12.3613

■ 188.0380,
-51.2907, 24.5227

■ 206.0600,
-17.7776, 8.7174

■ 183.1820,
-59.7427, 28.7814

■ 210.9160, -9.3256,
4.4587

■ 178.4400,
-67.7579, 32.9401

■ 215.6580, -1.3104,
0.2999

■ 174.1710,
-76.4993, 36.6840

■ 219.9270, 7.4310,
-3.4440

■ 170.2440,
-83.9303, 40.1280

■ 224.5550, 15.0094,
-7.5027

■ 226.3160, 14.1412,
-9.0471

■ 228.6640, 12.9836,
-11.1063

■ 231.0120, 11.8261,
-13.1655

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



199.6700, -32.8683, 42.3854



197.0490, -34.5342, 16.6200



192.5550, -25.4166, -14.5187

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



197.0490, -34.5342, 16.6200



175.5160, 33.7626, -96.0455



205.3640, 11.6525, 42.6538

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



197.0490, -34.5342, 16.6200



145.9510, 34.5342, -16.6200

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



203.7220, 25.2801, 11.6448



197.0490, -34.5342, 16.6200



184.9090, 34.5549, -70.0802

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



197.0490, -34.5342, 16.6200



178.9790, 14.8004, -80.6656



196.0930, 29.0412, -28.1456



199.0970, -3.4988, 49.0269

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



197.0490, -34.5342, 16.6200



188.9850, -14.2896, -36.8208



196.0930, 29.0412, -28.1456



205.3890, 17.0632, 33.8618

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



197.0490, -34.5342, 16.6200



248.5310, -12.0938, 5.6733



155.4350, -6.1305, 53.1155



123.6000, -6.7048, 3.8588



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



197.0490, -34.5342, 16.6200



228.4230, -48.5225, 23.3080



197.4820, -34.7476, -8.3157



104.5720, -4.2260, 2.1294



134.4830, -66.3001, 32.0254



33.9890, -16.7566, 7.9026

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



145.9510, 34.5342, -16.6200



156.5770, 48.5225, -23.3080



145.5180, 34.7476, 8.3157



98.4280, 4.2260, -2.1294



36.5170, 66.3001, -32.0254



9.0110, 16.7566, -7.9026

Previews

White Background



This preview shows how the YUV color 197.0490, -34.5342, 16.6200 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 197.0490, -34.5342, 16.6200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 197.0490, -34.5342, 16.6200

Background



This preview shows how black text looks on a background with the YUV color 197.0490, -34.5342, 16.6200.



This preview shows how white text looks on a background with the YUV color 197.0490, -34.5342, 16.6200.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

197.0490, -34.5342, 16.6200

Protanopia

197.0600, -34.5396, 18.3644

Deuteranopia

198.8820, -34.4518, 36.9375



Tritanopia

202.8760, 1.5401, 19.4027

Trichromacy



Original Color

197.0490, -34.5342, 16.6200

Protanomaly

196.7610, -34.3922, 17.7496

Deuteranomaly

198.4250, -34.7195, 29.4453

Tritanomaly

201.0210, -11.8424, 18.3986

Monochromacy



Original Color

197.0490, -34.5342, 16.6200

Achromatopsia

197.0000, 0.0000, 0.0000

Achromatomaly

196.8300, -12.2412, 6.2881

CSS Examples

Text

The CSS property to change the color of the text to YUV 197.0490, -34.5342, 16.6200 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(216, 201, 127)` looks like.

```
.text, #text, p{  
    color:rgb(216, 201, 127)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(216, 201, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 201, 127) }
```

Border

The CSS property to change the border of an element to YUV 197.0490, -34.5342, 16.6200 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(216, 201, 127) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(216, 201, 127) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(216, 201, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 201, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 201, 127);  
box-shadow:4px 4px 4px 4px rgb(216, 201,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 197.0490, -34.5342, 16.6200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 201, 127) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(216,  
201, 127) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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